Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Original) A method in a data processing system for providing host information, the method comprising:

receiving a request for host information for a remote computer from a requestor wherein the request includes one of a host name or an Internet Protocol address and is received from the requestor;

identifying a media access control address and a subnet mask using the request; and

returning a response to the requestor, wherein the response includes the media access control address and the subnet mask.

2. (Original) The method of claim 1, wherein the requestor generates a wake-up packet using the host information and sends the wake-up packet to the remote computer.

3. (Currently Amended) The method of claim 1, wherein the media access control address and the subnet mask are received from a dynamic host configuration protocol server and are stored in ~~a data processing system for~~ the data processing system.

4. (Currently Amended) The method of claim 1, wherein the dynamic host configuration protocol server obtains the media access control address and the subnet mask from [[when]] a remote computer when the remote computer requests an address from the dynamic host configuration protocol server.

5. (Currently Amended) The method of claim 1, wherein the media access control address and the subnet are received from a user submitting the media access control address and the subnet mask and are stored in ~~a data processing system for~~ the data processing system.

6. (Original) The method of claim 1, wherein the data processing system is a domain name server.

7. (Currently Amended) The method of claim 1, wherein the media access control address and the subnet mask are stored <u>together in a</u> record for <u>both</u> a name-to-address file and an address-to-name file.

8.   (Original) A data processing system for providing host information, the data processing system comprising:

       receiving means for receiving a request for host information for a remote computer from a requestor wherein the request includes one of a host name or an Internet Protocol address and is received from the requestor;

       identifying means for identifying a media access control address and a subnet mask using the request; and

       returning means for returning a response to the requestor, wherein the response includes the media access control address and the subnet mask.

9.   (Original) The data processing system of claim 8, wherein the requestor generates a wake-up packet using the host information and sends the wake-up packet to the remote computer.

10.   (Currently Amended) The data processing system of claim 8, wherein the media access control address and the subnet mask are received from a dynamic host configuration protocol server and are stored in ~~a data processing system for~~ the data processing system.

11.   (Currently Amended) The data processing system of claim 8, wherein the dynamic host configuration protocol server obtains the media access control address and the subnet mask from [[when]] a remote computer <u>when the remote computer</u> requests an address from the dynamic host configuration protocol server.

12.   (Currently Amended) The data processing system of claim 8, wherein the media access control address and the subnet are received from a user submitting the media access control address and the subnet mask and are stored in ~~a data processing system for~~ the data processing system.

13.   (Original) The data processing system of claim 8, wherein the data processing system is a domain name server.

14.   (Currently Amended) The data processing system of claim 8, wherein the media access control address and the subnet mask are stored <u>together in a</u> record for <u>both</u> a name-to-address file and an address-to-name file.

15.   (Currently Amended) A computer program product _encoded_ in a computer readable medium _and operable in a data processing system_ for providing host information, the computer program product comprising:

first instructions for receiving a request for host information for a remote computer from a requestor wherein the request includes one of a host name or an Internet Protocol address and is received from the requestor;

second instructions for identifying a media access control address and a subnet mask using the request; and

third instructions for returning a response to the requestor, wherein the response includes the media access control address and the subnet mask.

16.   (Original) The computer program product of claim 15, wherein the requestor generates a wake-up packet using the host information and sends the wake-up packet to the remote computer.

17.   (Currently Amended) The computer program product of claim 15, wherein the media access control address and the subnet mask are received from a dynamic host configuration protocol server and are stored in ~~a data processing system for~~ the data processing system.

18.   (Currently Amended) The computer program product of claim 15, wherein the dynamic host configuration protocol server obtains the media access control address and the subnet mask from [[when]] a remote computer _when the remote computer_ requests an address from the dynamic host configuration protocol server.

19.   (Currently Amended) The computer program product of claim 15, wherein the media access control address and the subnet are received from a user submitting the media access control address and the subnet mask and are stored in ~~a data processing system for~~ the data processing system.

20.   (Original) The computer program product of claim 15, wherein the data processing system is a domain name server.